

Message

---

**From:** Cowen, Tracey [USA - EMP] [TCowen@versar.com]  
**Sent:** 7/14/2020 8:25:13 PM  
**To:** Shams, Dahnish [Shams.Dahnish@epa.gov]; White, Paul [White.Paul@epa.gov]; Bottimore, David [USA - EMP] [DBottimore@versar.com]; Schlosser, Paul [Schlosser.Paul@epa.gov]  
**CC:** Morozov, Viktor [Morozov.Viktor@epa.gov]; Kapraun, Dustin [Kapraun.Dustin@epa.gov]; Williams, Laura [USA - EMP] [lwilliams@versar.com]; Soto, Vicki [Soto.Vicki@epa.gov]  
**Subject:** RE: PBPK Modeling for Chloroprene  
**Attachments:** Webpage\_Chloroprene Peer Review.tc1.docx

Hi Dahnish,

We have reviewed the staging website for the meeting; please see attached version with edits in track changes.  
Few edits:

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: **Ex. 6 Personal Privacy (PP)**  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>  
**Sent:** Tuesday, July 14, 2020 11:48 AM  
**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Schlosser, Paul <Schlosser.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – I've attached to this email the staging website for the meeting. Do you mind taking a look and letting me know if any edits are required?

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Shams, Dahnish

**Sent:** Monday, July 13, 2020 5:35 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Ok thanks. No sooner than 48 hours from tomorrow (Thursday or Friday).

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Monday, July 13, 2020 5:29 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

Good news! When do you anticipate that the FRN will be published? Considering the fact that most of candidates seem to be available, not sure we need to update the list of candidates.

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Monday, July 13, 2020 4:27 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Thanks Tracey! We just go the “go” signal on the FRN. Do need to update the list of individuals in the FR or are we good?  
See attached FRN.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Monday, July 13, 2020 10:53 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, July 9, 2020 4:54 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Ok thanks Tracey!

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Thursday, July 09, 2020 4:41 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

We have already started to inquire about the candidates availability for September & October based on the FRN likely being published around 7/24. So far four candidates have responded and they are still available for that timeframe.

Thanks,  
Tracey

**Tracey L. Cowen**

Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, July 9, 2020 3:37 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

OK thanks Tracey! I figured this was the case. I've been reiterating the delays are making this logistically challenging to plan the review itself.

Can I ask that maybe you wait to follow up until next week? I suspect we won't be able to post anything until at least the following week.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Thursday, July 09, 2020 12:57 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

# Ex. 6 Personal Privacy (PP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, July 9, 2020 11:13 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey/all – Just wanted to provide an update, there was another round of back and forth with Denka on the documents for the peer review. This has unfortunately slowed us down again. There is a check-in meeting on Monday with senior management ORD on Monday. I'm hoping for a better sense of when I can push the FRN forward for posting by then.

Besides the schedule, are there any other implications to consider with the delayed release? Do we need to circle back with the candidates before posting the FRN? Just wanted to check.

Thanks!

Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Wednesday, June 24, 2020 9:50 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** Re: PBPK Modeling for Chloroprene

Thanks for the explanation Tracey. I've sent the version you provided earlier this morning to our webmaster.

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** "Cowen, Tracey [USA - EMP]" <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Date:** Wednesday, June 24, 2020 at 9:17 AM

**To:** "White, Paul" <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>, "Shams, Dahnish" <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>, "Bottimore, David [USA - EMP]" <[DBottimore@versar.com](mailto:DBottimore@versar.com)>, "Schlosser, Paul" <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** "Morozov, Viktor" <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>, "Kapuraun, Dustin" <[Kapuraun.Dustin@epa.gov](mailto:Kapuraun.Dustin@epa.gov)>, "Williams, Laura [USA - EMP]" <[lwilliams@versar.com](mailto:lwilliams@versar.com)>, "Soto, Vicki" <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Paul,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Sent:** Wednesday, June 24, 2020 9:08 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapuraun.Dustin@epa.gov](mailto:Kapuraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Best,  
Paul

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Wednesday, June 24, 2020 9:03 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; White, Paul

<White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

Cc: Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapuraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

Subject: RE: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Thanks,

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>

**Sent:** Wednesday, June 24, 2020 12:03 AM

**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapuraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** Re: PBPK Modeling for Chloroprene

Thanks Tracey! I've accepted your revisions and have reattached a clean version. I'm going to send this version to be made 508 compliant.

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** "Cowen, Tracey [USA - EMP]" <TCowen@versar.com>

**Date:** Tuesday, June 23, 2020 at 1:46 PM

**To:** "Shams, Dahnish" <Shams.Dahnish@epa.gov>, "Bottimore, David [USA - EMP]" <DBottimore@versar.com>, "White, Paul" <White.Paul@epa.gov>, "Schlosser, Paul" <Schlosser.Paul@epa.gov>

**Cc:** "Morozov, Viktor" <Morozov.Viktor@epa.gov>, "Kapuraun, Dustin" <Kapuraun.Dustin@epa.gov>, "Williams, Laura [USA - EMP]" <lwilliams@versar.com>, "Soto, Vicki" <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Tuesday, June 23, 2020 1:20 PM  
**To:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Tracey/David – Still waiting for the final go ahead, but attached is the LoC document. Is the list of experts still accurate? I know there were a few changes, but I wanted to double check before we make it 508 compliant.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Shams, Dahnish  
**Sent:** Thursday, June 18, 2020 3:42 PM  
**To:** 'Bottimore, David [USA - EMP]' <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

OK great! Thanks David.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Sent:** Thursday, June 18, 2020 11:02 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** Re: Update: PBPK Modeling for Chloroprene

Excellent, thanks. I have been checking the FR every morning. We'll be ready and hoping that we'll be able to select the "top 9" that we have in mind, but we'll have to wait to see what kind of feedback we get.

Stay well.

David

**David Bottimore**  
Environmental Services Group



Email: [dbottimore@versar.com](mailto:dbottimore@versar.com)

Mobile: 

Ex. 6 Personal Privacy (PP)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, June 18, 2020 11:00 AM

**To:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Ok great! Thanks David! I'll let you know when the FRN is signed and gets pushed forward for final posting.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Sent:** Thursday, June 18, 2020 10:55 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul

<White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** Re: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

Thanks for the update and we're keeping an eye out for the FR. We'll be waiting for comments on the candidate reviewers and will likely look to select the final nine reviewers around the end of July, at which time we will get the premeeting review underway. Based on availability information from the candidates, we're still looking at mid-late September for a meeting and we have a couple of windows of opportunity for the two-day meeting.

David

**David Bottimore**

Environmental Services Group



Email: [dbottimore@versar.com](mailto:dbottimore@versar.com)

Mobile: Ex. 6 Personal Privacy (PP)

---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>

**Sent:** Thursday, June 18, 2020 10:47 AM

**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi David/Laura – Just noticed that Tracey is out of the office. I'm not sure if that impacts how you guys respond to my message and the timing of the FRN, but let me know!

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** Shams, Dahnish

**Sent:** Thursday, June 18, 2020 10:46 AM

**To:** 'Cowen, Tracey [USA - EMP]' <TCowen@versar.com>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Bottimore, David [USA -

EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Tracey – Just an FYI, I submitted the FRN for review by EPA's Office of Policy. I expect comments back by no later than tomorrow. If all goes well, the FRN should publish by middle of next week (Wednesday is my best guess).

Let me know how this impacts our timeline.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, June 16, 2020 1:47 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Dahnish, please let me know when the light is green.

-Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, June 16, 2020 1:25 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul

<Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapuraun.Dustin@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Tracey! Attached to this email is the (hopefully) final FRN. Just waiting on the final greenlight from ORD management.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Tuesday, June 16, 2020 9:05 AM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapuraun.Dustin@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

I looked over the FRN and just made a couple of changes. Please see attached with track changes.

Thanks,

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Monday, June 15, 2020 5:31 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Tuesday, June 09, 2020 3:45 PM  
**To:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Sent:** Tuesday, June 9, 2020 11:54 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Thanks,

Paul

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, June 9, 2020 11:26 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks for the update Tracey! I'm ok with a pool of 20 since that is how many people responded to your latest call.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, June 09, 2020 10:25 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP]

<lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: { Ex. 6 Personal Privacy (PP) }  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Friday, June 5, 2020 5:28 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPB Modeling for Chloroprene

Thanks for the update Tracey.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Friday, June 05, 2020 5:20 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP]

<lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

I don't know what to say. That's still a good list, just would be nice if there would have been more as candidates, in case.

-Paul

---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Friday, June 05, 2020 5:07 PM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, June 4, 2020 12:30 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Fabulous! Thank Tracey! I'm pushing hard to get everything finalized ASAP on our end. I'll let you know if anything changes though.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Thursday, June 04, 2020 12:12 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP]

<lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>

**Sent:** Wednesday, June 3, 2020 4:46 PM

**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP]

<lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

# Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Tuesday, June 02, 2020 4:21 PM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwiliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

Just checking in to see if you had any information on when the FRN will be published? I updated the pool of candidates this morning to inform them that their name, affiliation, and expertise would be published (date to be determined) and that we still anticipate beginning the review in early July, with a meeting to be scheduled for mid-late August. Also I didn't see a statement in the draft FRN on how long the comment period is for the list of candidates. Are we still considering 14 days?

Hope all is well,

Thanks!

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, May 27, 2020 5:03 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Tracey/Paul! Sounds like we're in a good spot.

Tracey – We're just about to submit the FRN for a final review. Not sure how long it will take to clear, but once it does, we'll let you know ASAP.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Wednesday, May 27, 2020 4:02 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Paul.

## Ex. 5 Deliberative Process (DP)

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Wednesday, May 27, 2020 3:50 PM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Cowen, Tracey [USA - EMP] <TCowen@versar.com>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

-Paul

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>  
**Sent:** Wednesday, May 27, 2020 3:08 PM  
**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Schlosser, Paul <Schlosser.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks for the update Tracey!

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>  
**Sent:** Wednesday, May 27, 2020 2:44 PM  
**To:** Schlosser, Paul <Schlosser.Paul@epa.gov>; Shams, Dahnish <Shams.Dahnish@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Thursday, May 21, 2020 2:09 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>  
**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

## Ex. 5 Deliberative Process (DP)

-Paul

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, May 21, 2020 1:25 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>  
**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Thursday, May 21, 2020 1:08 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>  
**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi Dahnish and Paul,

# **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Monday, May 18, 2020 12:40 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi Tracey – I know you all are still reviewing the FRN, but I just wanted to give you a heads up that I moved the “start date” to July 8 in the FRN. This is a safer date for us given that clearance is taking longer than expected for most of our materials right now.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Thursday, May 14, 2020 5:06 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Thanks Dahnish, we will look at these revised versions of the chloroprene FRN and the LoC documents and get back to you soon.

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, May 14, 2020 4:55 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi David/Tracey/Laura – Thank you all for a productive meeting this morning. I've attached slightly revised versions of the chloroprene FRN and the LoC documents based on the conversation we had earlier today. I did add the list of names of the experts and their abbreviated expertise. We will likely need to triple check the names and expertise. Let me know how this looks and if you have any comments on this version.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

-----Original Appointment-----

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Tuesday, May 12, 2020 9:16 AM

**To:** Cowen, Tracey [USA - EMP]; Shams, Dahnish; Schlosser, Paul; Soto, Vicki; Bottimore, David [USA - EMP]; Williams, Laura [USA - EMP]

**Subject:** Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

**When:** Thursday, May 14, 2020 11:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:**

Discuss the FRN and timeline for PBPK modeling for Chloroprene Peer Review

---

## Join Microsoft Teams Meeting

**Ex. 6 Personal Privacy (PP)** United States, Lynchburg (Toll)

Conference ID: **Ex. 6 Personal Privacy (PP)**

Local numbers | [Reset PIN](#) | [Learn more about Teams](#) | [Meeting options](#)

---

*This email and any files transmitted with it are confidential and intended solely for the named addressee. This message contains confidential information and is intended only for the person so identified. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. If you received this message by mistake, please reply to this message and then delete it, so that we can ensure such a mistake does not occur in the future.*

---

*This email and any files transmitted with it are confidential and intended solely for the named addressee. This message contains confidential information and is intended only for the person so identified. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. If you received this message by mistake, please reply to this message and then delete it, so that we can ensure such a mistake does not occur in the future.*

---

*This email and any files transmitted with it are confidential and intended solely for the named addressee. This message contains confidential information and is intended only for the person so identified. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. If you received this message by mistake, please reply to this message and then delete it, so that we can ensure such a mistake does not occur in the future.*

---





---

*This email and any files transmitted with it are confidential and intended solely for the named addressee. This message contains confidential information and is intended only for the person so identified. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. If you received this message by mistake, please reply to this message and then delete it, so that we can ensure such a mistake does not occur in the future.*

---